IN THE CLAIMS

Please amend the claims as follows:

1   1. (currently amended) In an interface device operatively coupled to an internal bus of

2   an origin server, a method for managing connections between at least one client and said origin

3   server, said method comprising the steps of:

4   establishing a network connection with one of said clients via a network;

5   receiving a communication from said client via said network connection;

6   establishing a bus connection with said origin server via an internal bus of said <u>origin</u>

7   server; and

8   forwarding said client communication to said origin server via said bus connection.

1   2. (original) A method according to Claim 1, wherein said step of receiving a

2   communication from said client includes storing said communication in a buffer.

1   3. (original) A method according to Claim 2, wherein said step of storing said

2   communication in a buffer includes accumulating one or more separate transmissions from said

3   client in said buffer.

1   4. (original) A method according to Claim 3, wherein said step of establishing a bus

2   connection with said server includes waiting until a complete client request is accumulated in

3   said buffer before establishing said bus connection with said server.

1   5. (original) A method according to Claim 4, further comprising:

2   receiving a response to said client communication from said server via said bus

3   connection; and

4   forwarding said response to said client via said network connection.

1   6. (original) A method according to Claim 5, wherein said step of receiving said

2   response from said server includes storing said response in a buffer.

1   7. (original) A method according to Claim 6, wherein said step of receiving said

2 response from said server includes terminating said bus connection after said response is

3 received.

1   8. (original) A method according to Claim 1, further comprising:

2 receiving a response to said client communication from said server via said bus

3   connection; and

4 forwarding said response to said client via said network connection.

1   9. (original) A method according to Claim 8, wherein said step of receiving said

2 response from said server includes storing said response in a buffer.

1   10. (original) A method according to Claim 9, wherein said step of receiving said

2 response from said server includes terminating said bus connection after said response is

3 received.

1   11. (original) A method according to Claim 8, wherein said client communication

2 includes an HTTP request.

1   12. (original) A method according to Claim 11, wherein said response from said server

2 includes an HTML page.

1   13. (original) A method according to Claim 1, wherein said step of establishing a

2 network connection with a client includes establishing a separate network connection with each

3 of a plurality of clients via said network.

1   14. (original) A method according to Claim 13, wherein said step of establishing said

2 bus connection with said server includes establishing a plurality of connections with said server

3 via said internal bus of said server.

1 15. (original) A method according to Claim 14, wherein the maximum number of
2 simultaneous client connections exceeds the maximum number of simultaneous server
3 connections.

1 16. (original) A method according to Claim 1, further comprising performing a security
2 operation on said client communication prior to forwarding said client communication to said
3 server.

1 17. (original) A method according to Claim 1, wherein:
2 said step of receiving said client communication includes discerning an application
3   identifier from said client communication; and
4 said step of forwarding said client communication to said server includes invoking one of
5   a plurality of proxy applications based on said application identifier.

1 18. (original) A method according to Claim 17, wherein said application identifier is the
2 connection port number.

1 19. (original) A method according to Claim 1, wherein said step of receiving said client
2 communication includes receiving at least a portion of an HTTP request.

1 20. (original) A computer readable medium having code embodied therein for causing
2 an electronic device to perform the steps of Claim 1.

1 21. (original) A computer readable medium having code embodied therein for causing
2 an electronic device to perform the steps of Claim 2.

1 22. (original) A computer readable medium having code embodied therein for causing
2 an electronic device to perform the steps of Claim 3.

1 23. (original) A computer readable medium having code embodied therein for causing
2 an electronic device to perform the steps of Claim 4.

1   24. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 5.

1   25. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 6.

1   26. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 7.

1   27. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 8.

1   28. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 9.

1   29. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 10.

1   30. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 11.

1   31. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 12.

1   32. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 13.

1   33. (original) A computer readable medium having code embodied therein for causing
2   an electronic device to perform the steps of Claim 14.

1   34. (original) A computer readable medium having code embodied therein for causing

2   an electronic device to perform the steps of Claim 15.

1   35. (original) A computer readable medium having code embodied therein for causing

2   an electronic device to perform the steps of Claim 16.

1   36. (original) A computer readable medium having code embodied therein for causing

2   an electronic device to perform the steps of Claim 17.

1   37. (original) A computer readable medium having code embodied therein for causing

2   an electronic device to perform the steps of Claim 18.

1   38. (original) A computer readable medium having code embodied therein for causing

2   an electronic device to perform the steps of Claim 19.

1   39. (previously amended) An adapter card for operatively coupling to an internal bus of

2   an origin server for managing origin server communication with a network, said adapter card

3   comprising:

4   a network controller for communicating with clients on said network;

5   a memory device for storing data and code, said code including a reverse proxy

6   application;

7   a processing unit coupled to said memory device for executing said code; and

8   a protocol adapter coupled to said processing unit, and adapted to couple to said internal

9   bus of said origin server, for communicating with said origin server.

1   40. (original) An adapter card according to Claim 39, wherein said code further

2   comprises a communication protocol stack.

1   41. (original) An adapter according to Claim 40, wherein said communication protocol

2   stack comprises a standard TCP/IP protocol stack.

1   42. (original) An adapter card according to Claim 39, wherein said proxy application

2   includes a security proxy.

1   43. (original) An adapter card according to Claim 39, wherein said proxy application

2   includes a pass-through proxy.

1   44. (original) An adapter card according to Claim 39, wherein said proxy application

2   includes an HTTP proxy.

1   45. (original) An adapter card according to Claim 39, further comprising a data buffer

2   for storing data received from said clients.

1   46. (original) An adapter card according to Claim 39, wherein said proxy application

2   includes a master process module responsive to a connection request received from one of said

3   clients, and operative to establish a connection with said client and to initiate a new client

4   process module to maintain said established connection.

1   47. (original) An adapter card according to Claim 46, wherein said master process

2   module is further operative to notify said proxy application of said established connection.